

**FIG. 1**

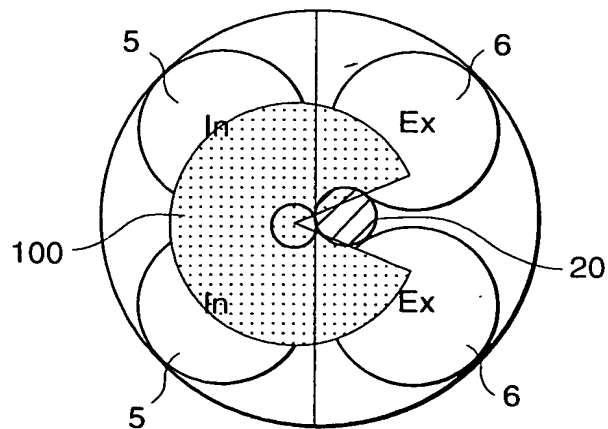
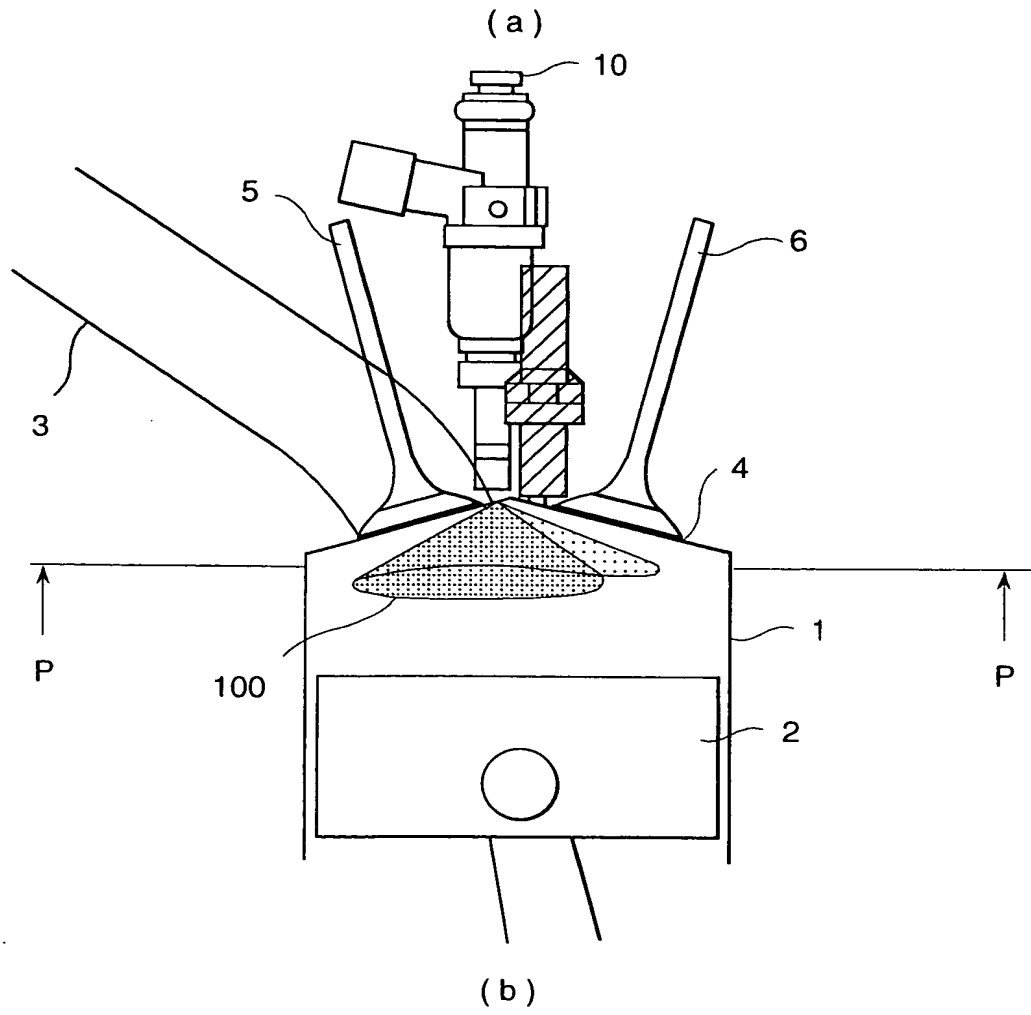
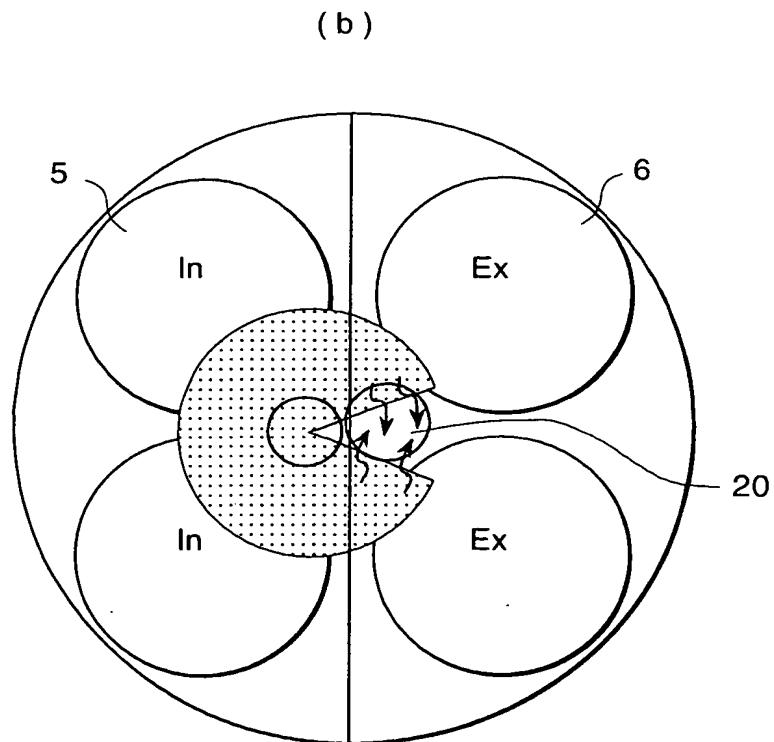
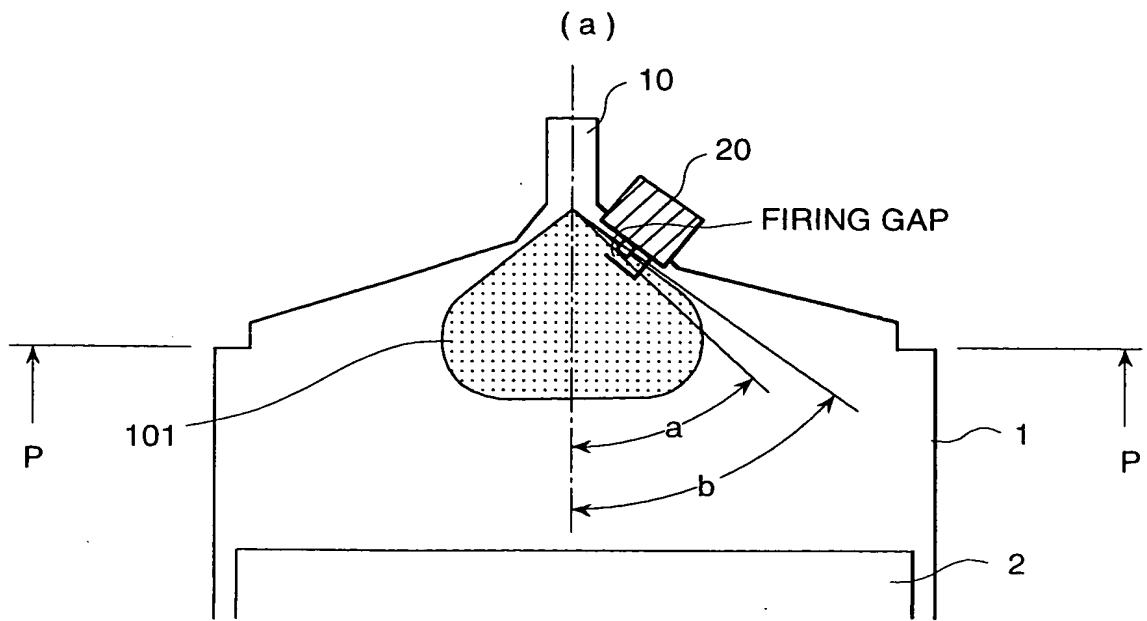
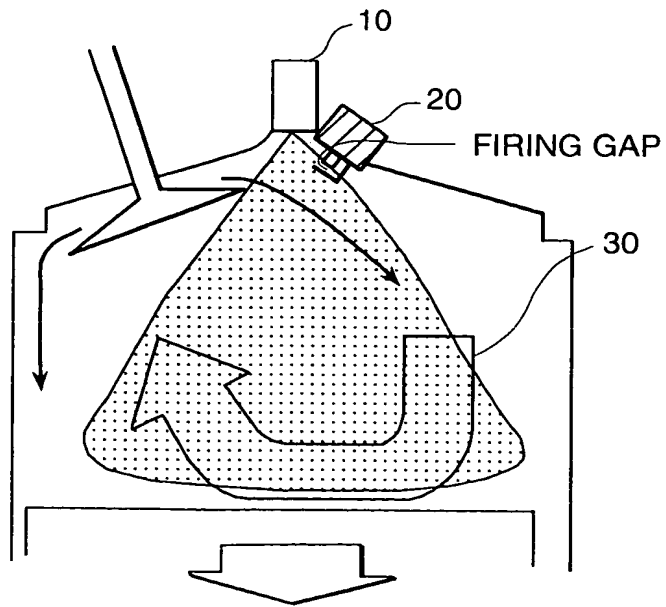


FIG. 2



**FIG. 3**

(a)



(b)

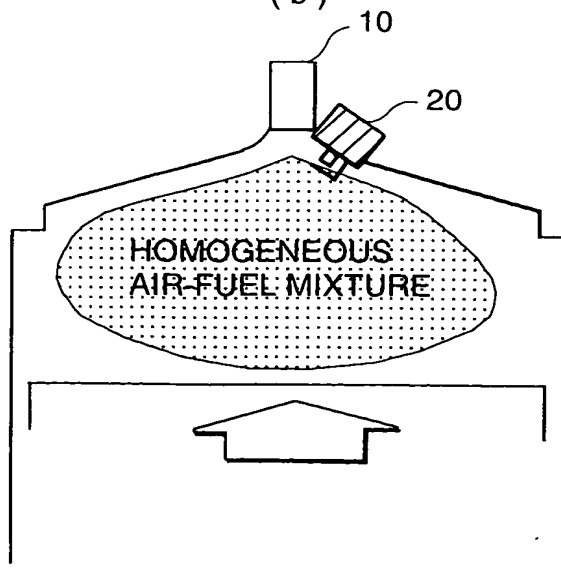


FIG. 4

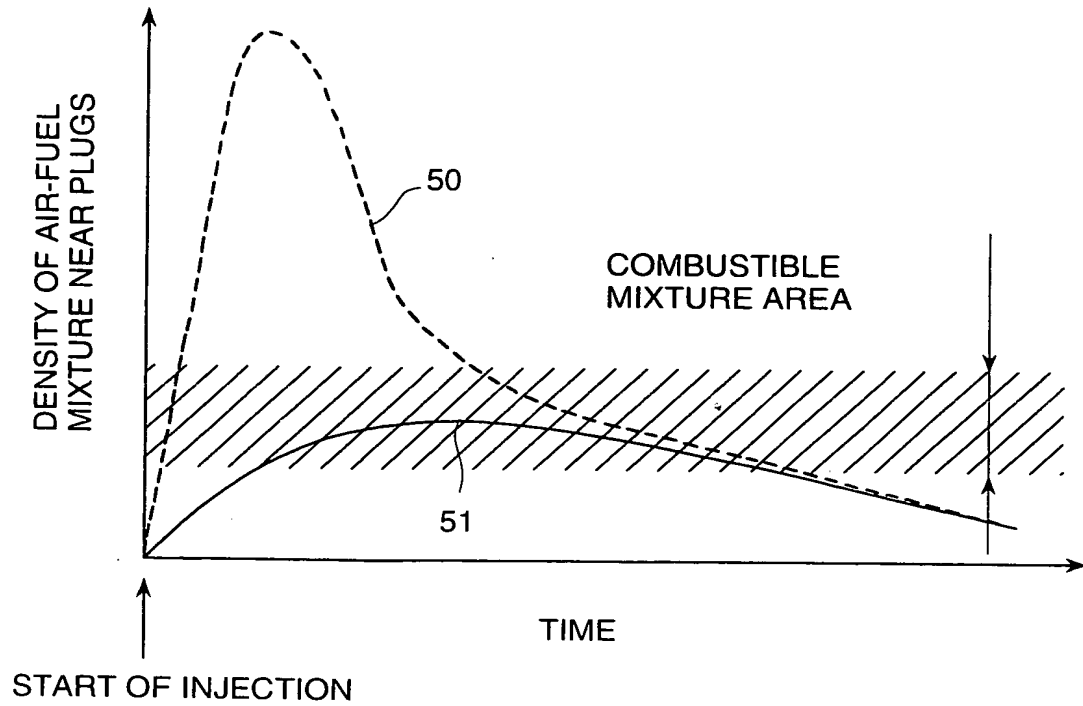


FIG. 5

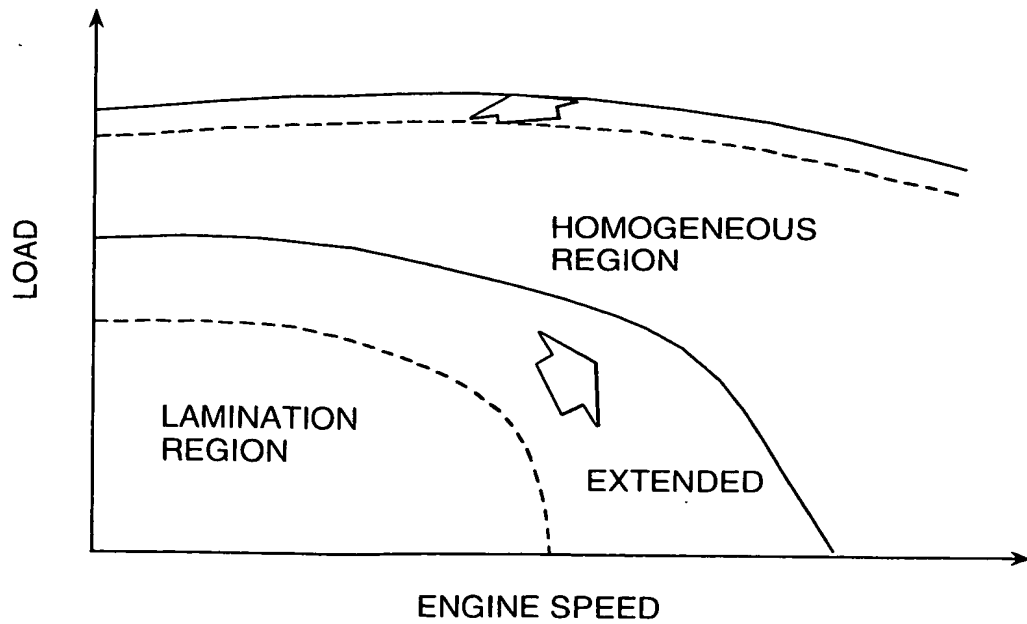


FIG. 6

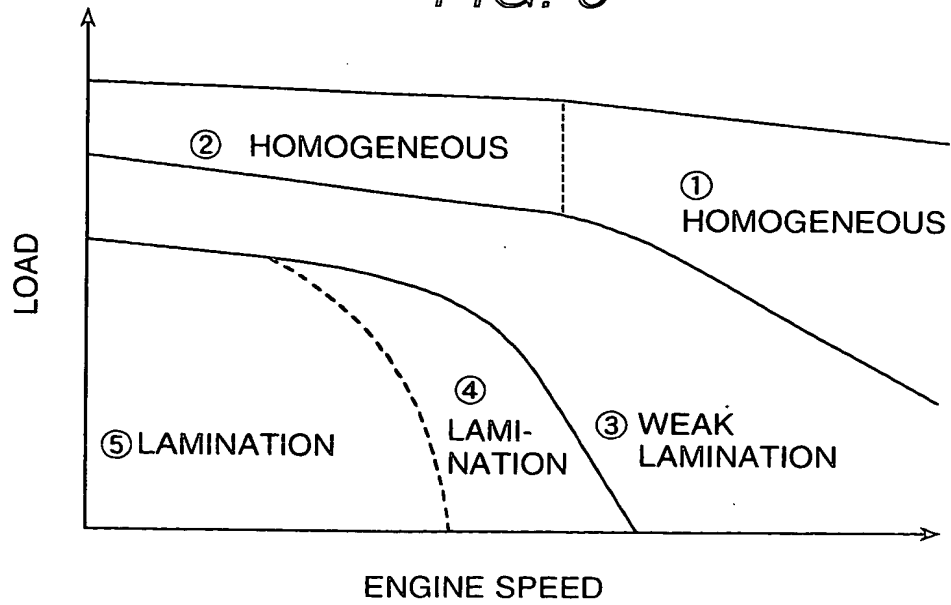





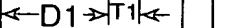
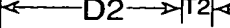






FIG. 7

	AIR INTAKE STROKE	COMPRESSION STROKE	EXPANSION STROKE	AIR EXHAUST STROKE
(1)	INJECTION 			
(2)				
(3)	 			
(4)	 			
(5)				
(6)				

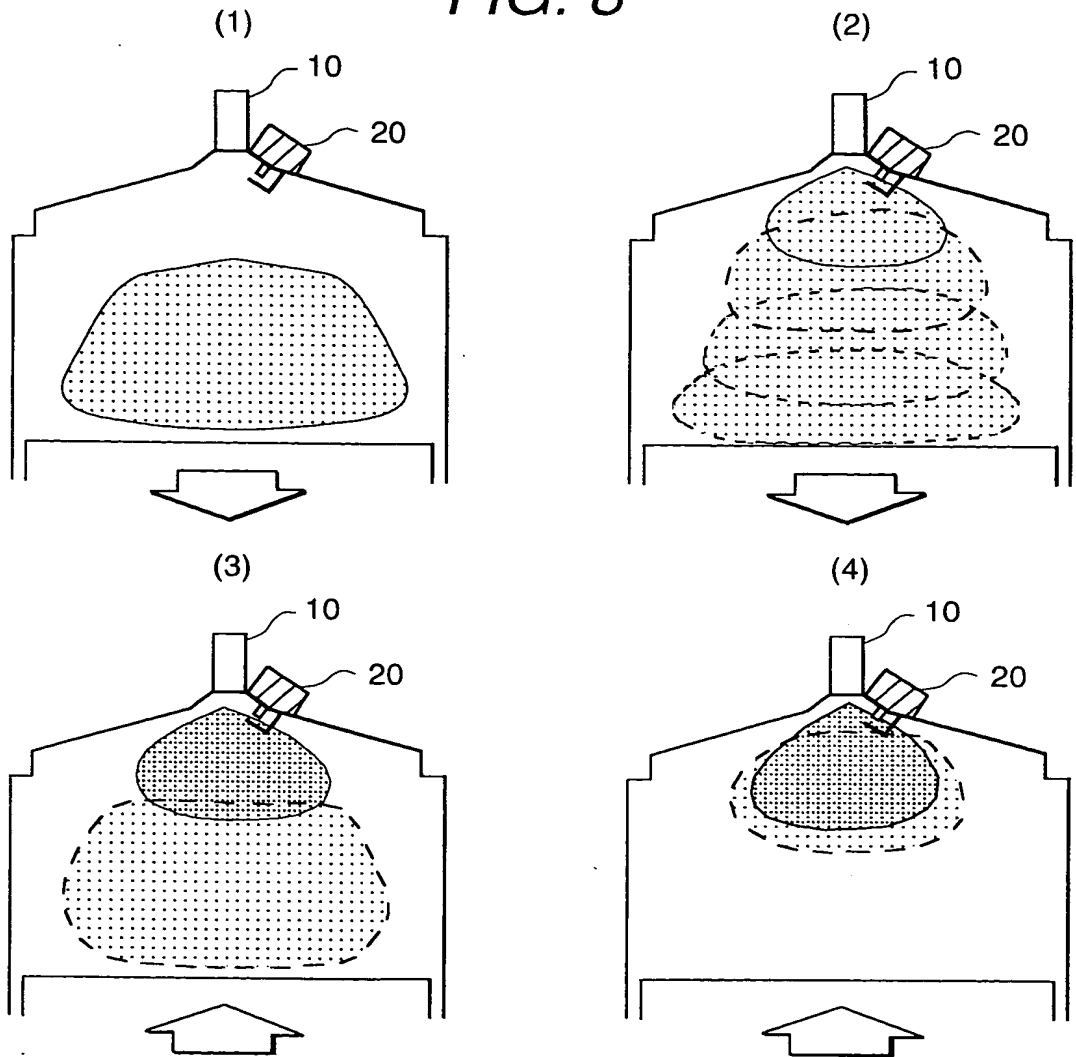
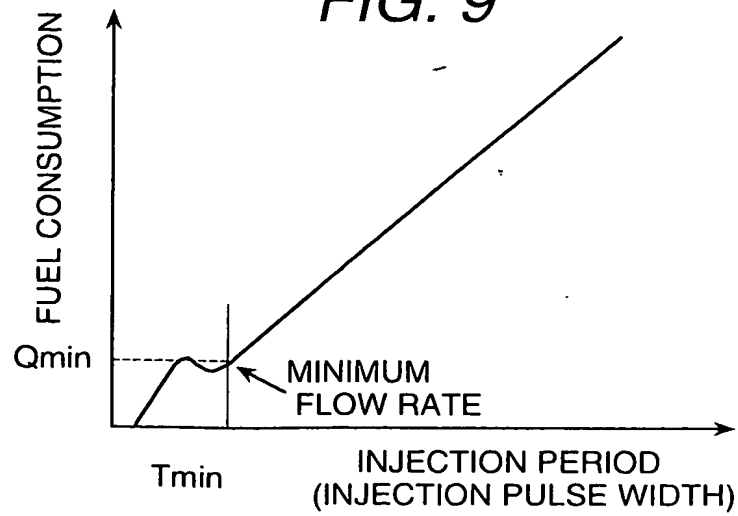
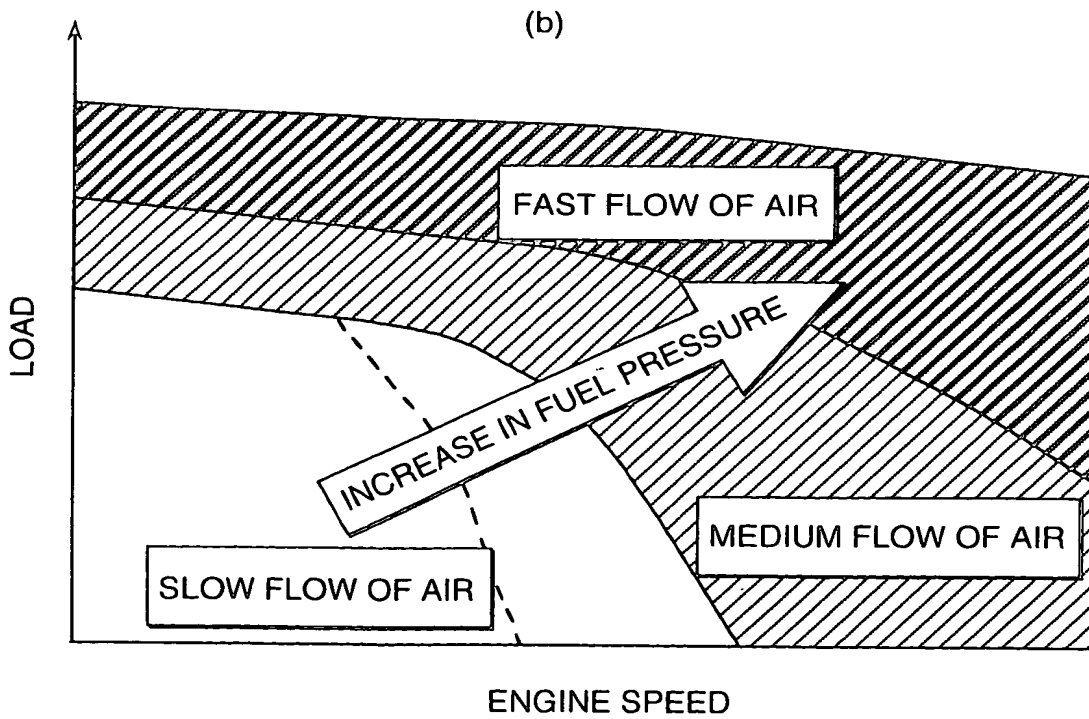
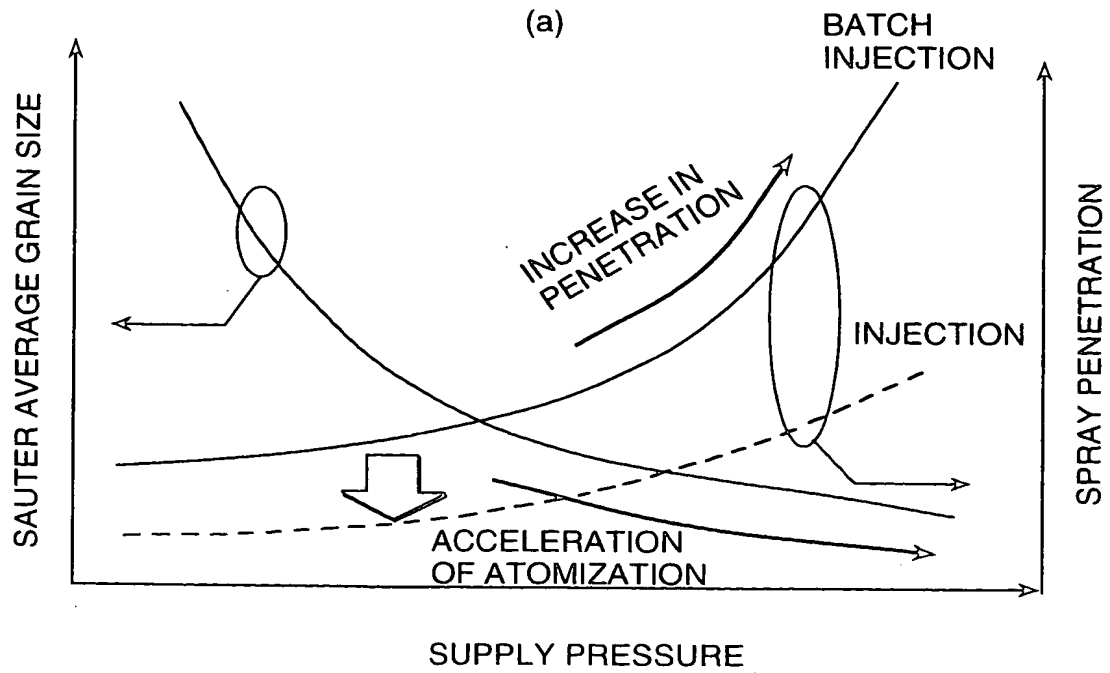
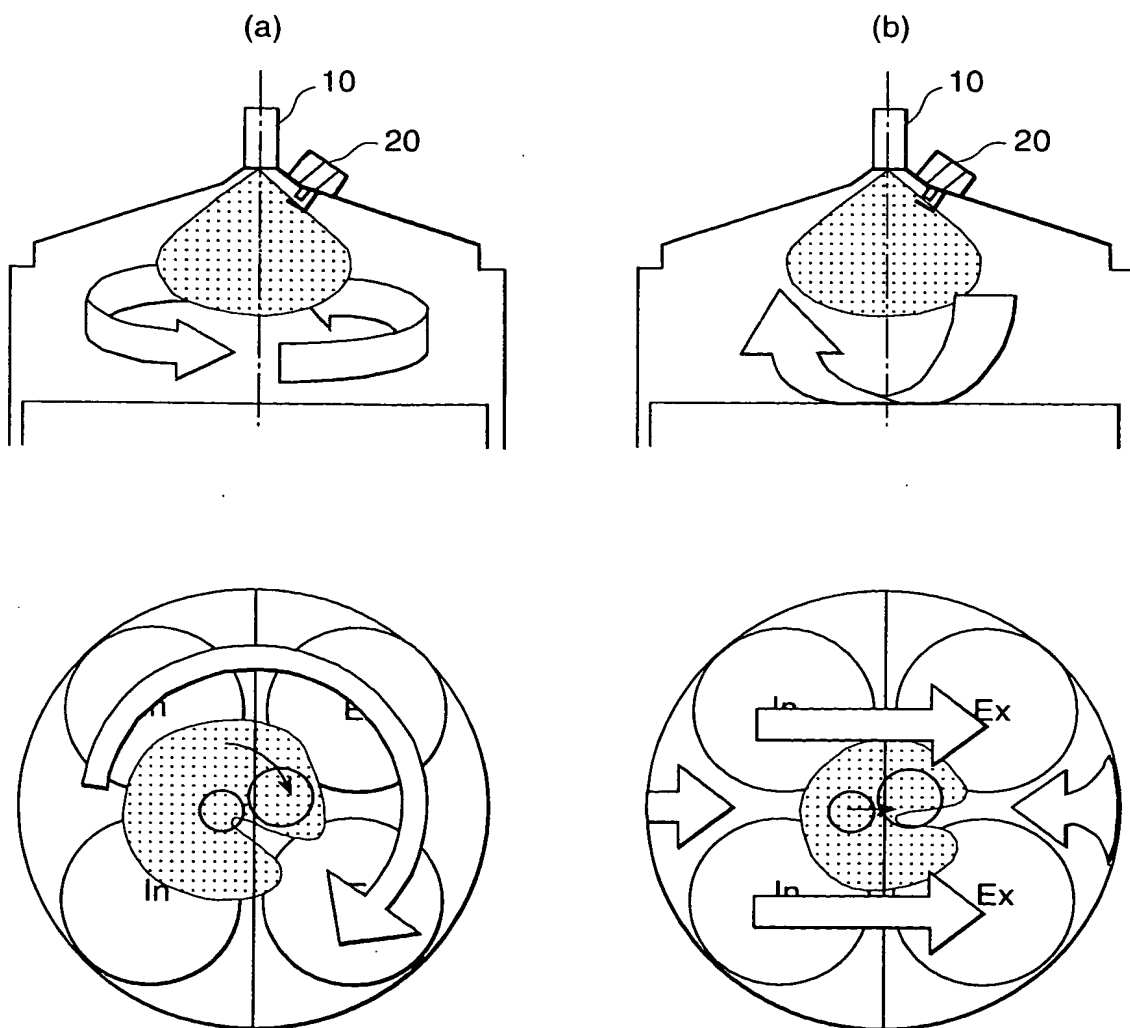
**FIG. 8****FIG. 9**

FIG. 10

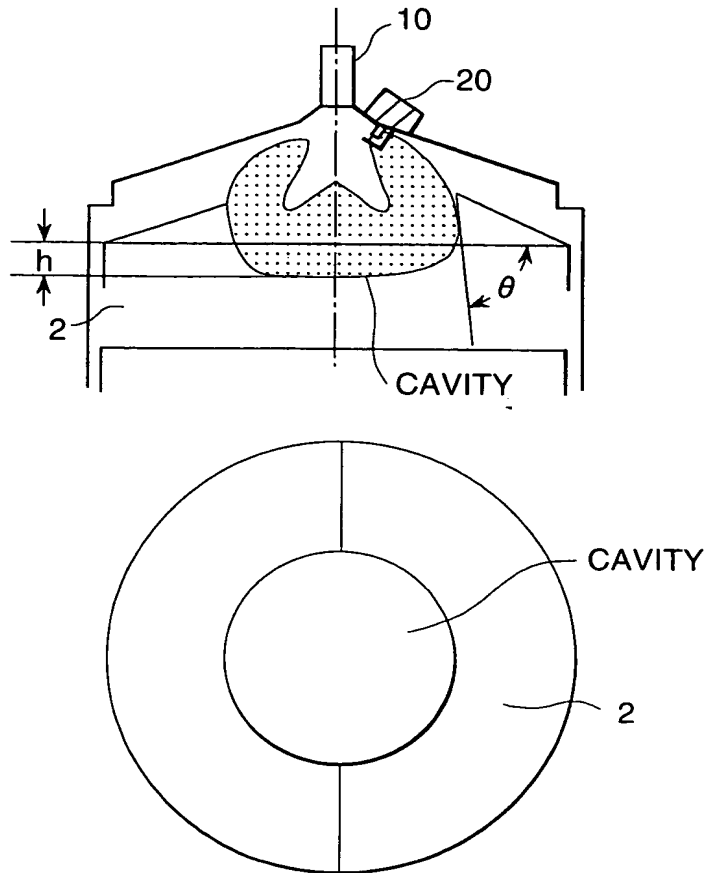


**FIG. 11**





**FIG. 12**



**FIG. 13**

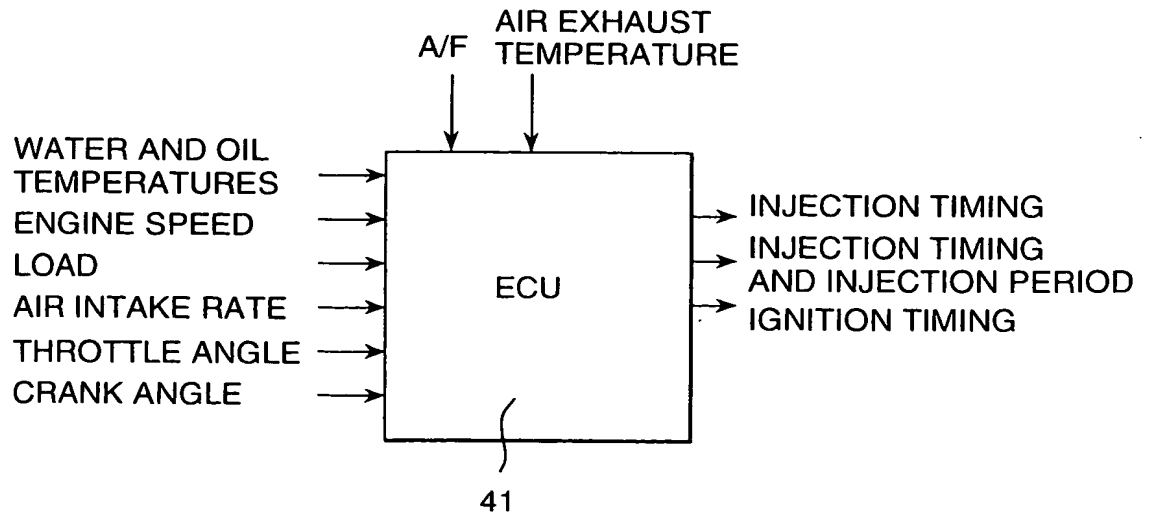
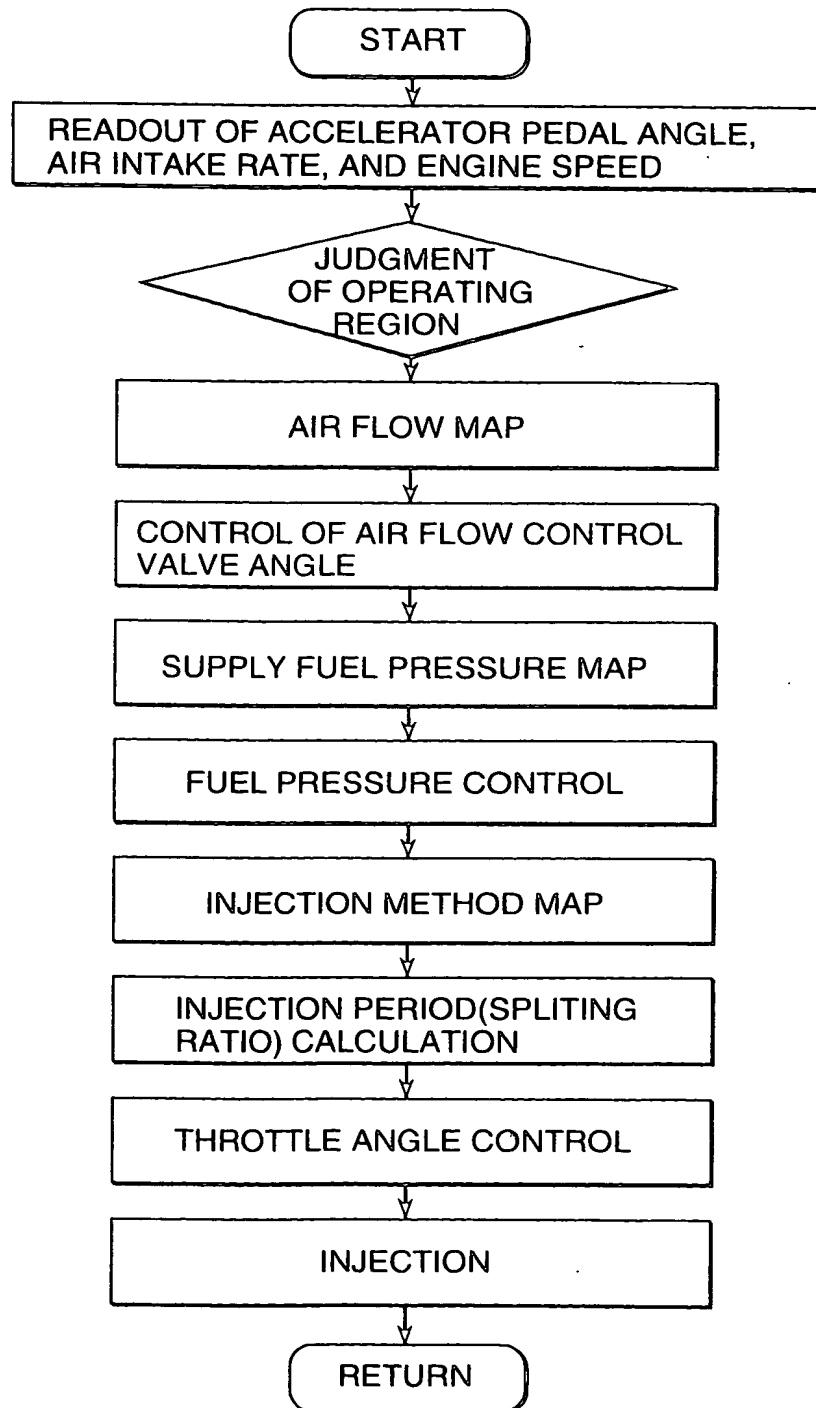
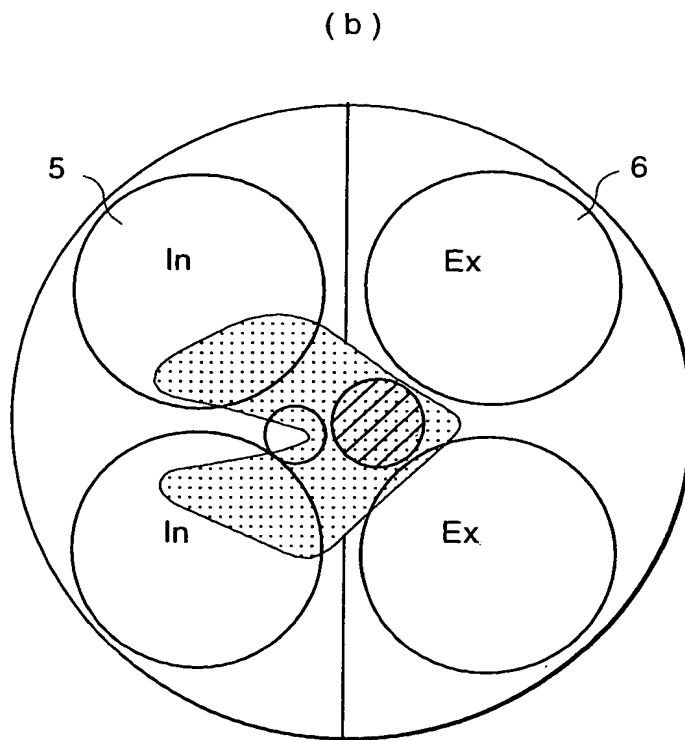
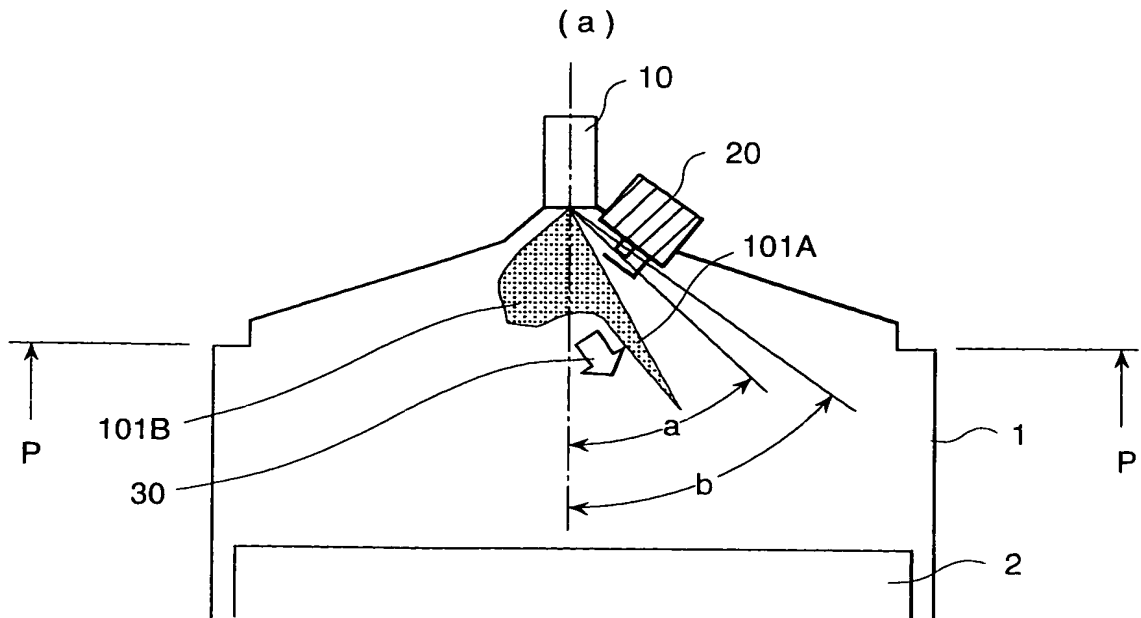


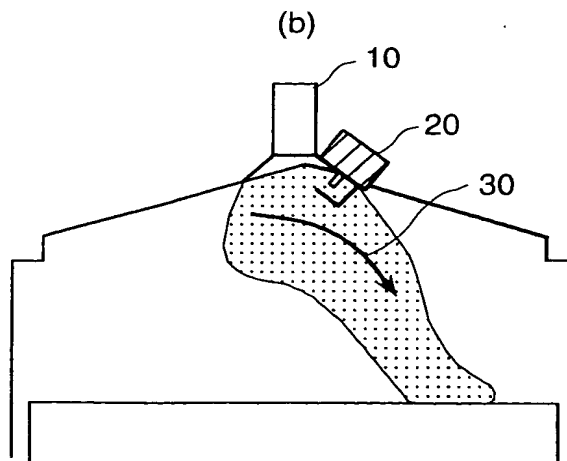
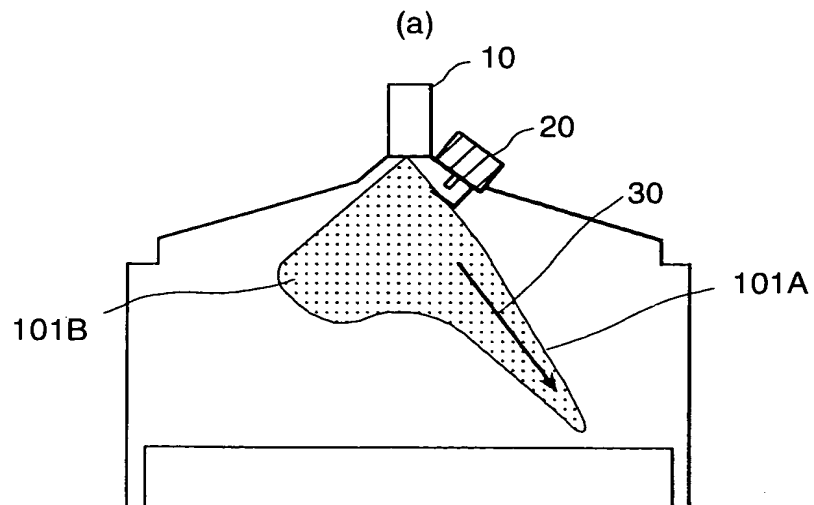
FIG. 14

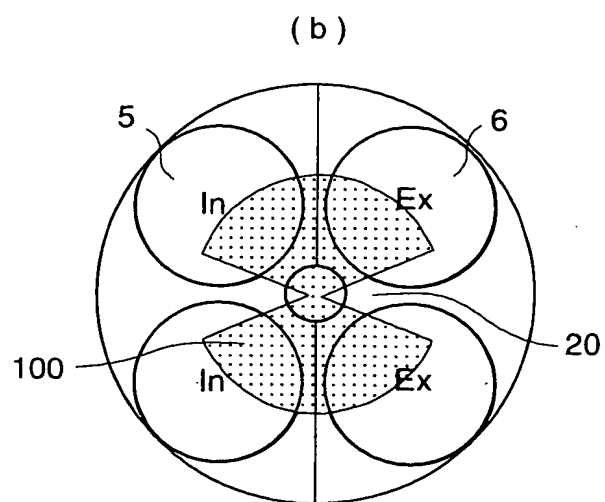
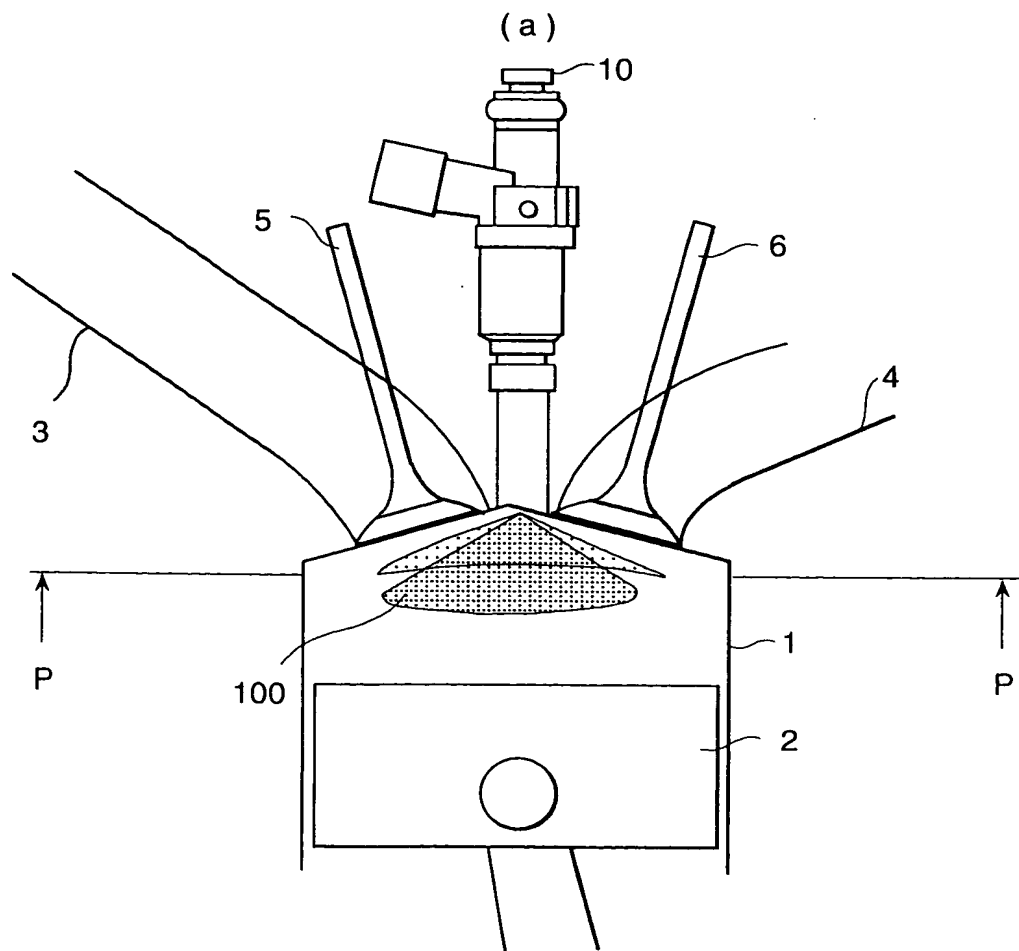


**FIG. 15**

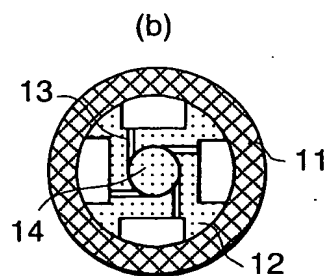
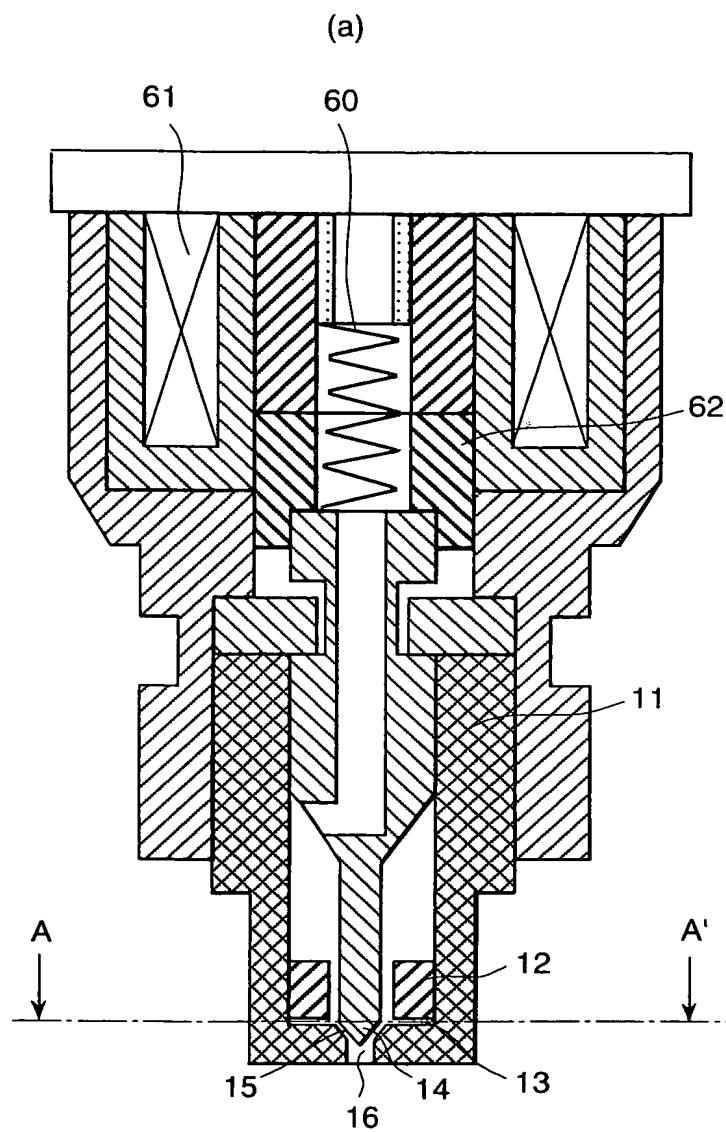


**FIG. 16**



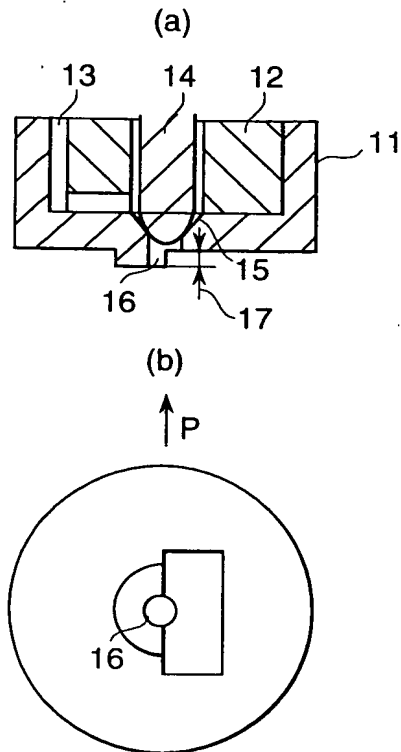
**FIG. 17**

**FIG. 18**

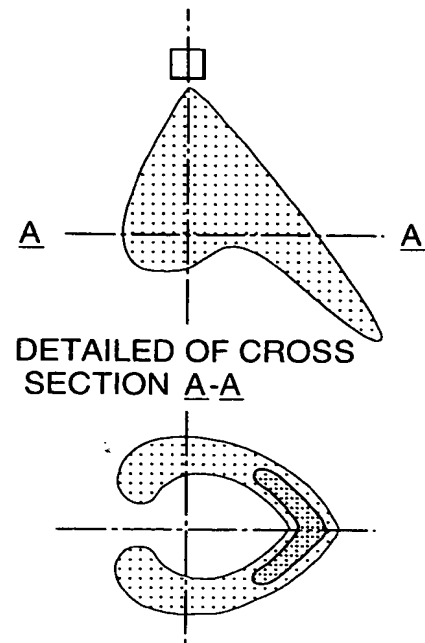


DETAILED OF CROSS  
SECTION A-A'

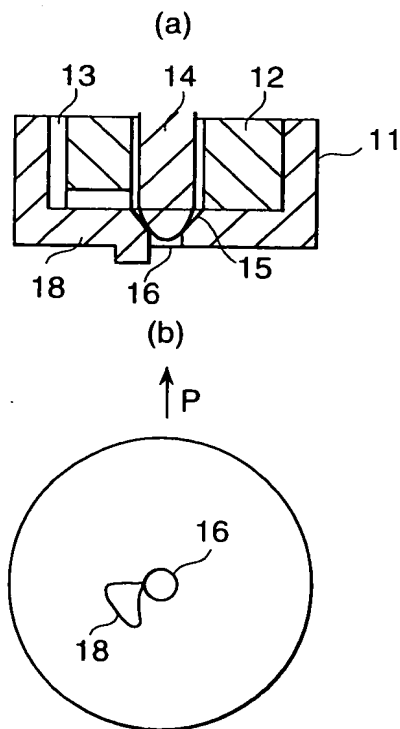
**FIG. 19**



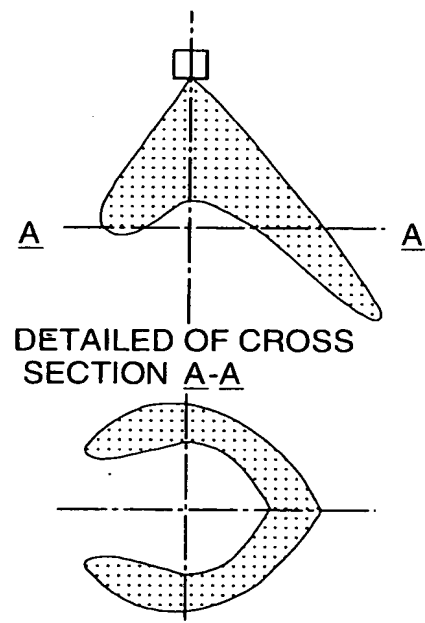
**FIG. 20**



**FIG. 21**



**FIG. 22**



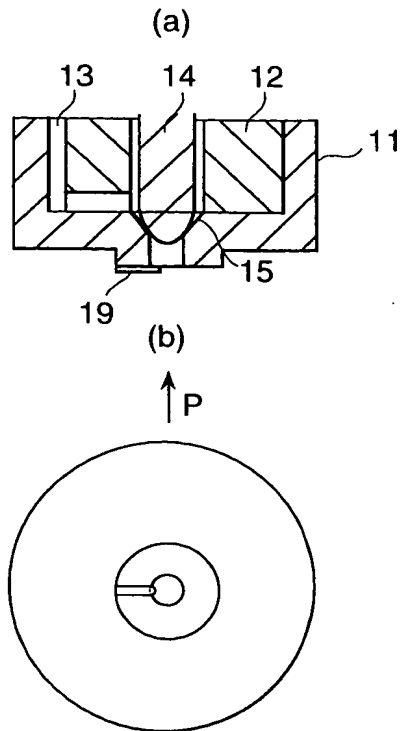
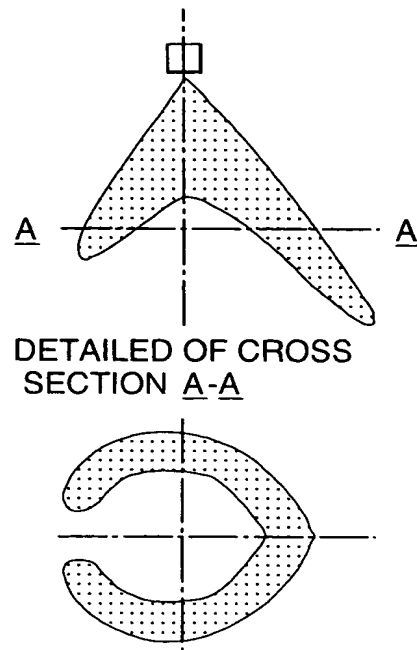
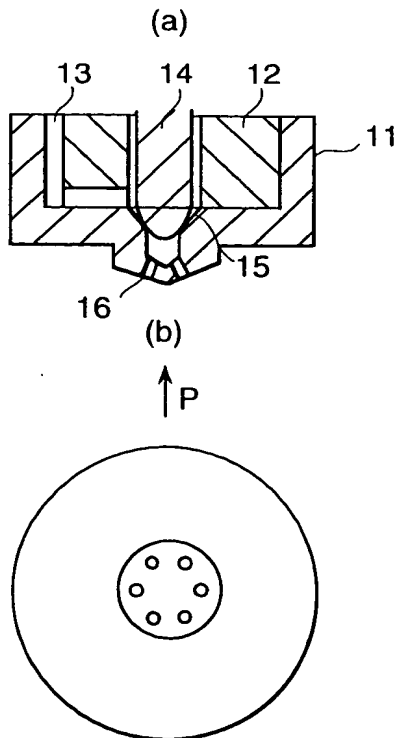
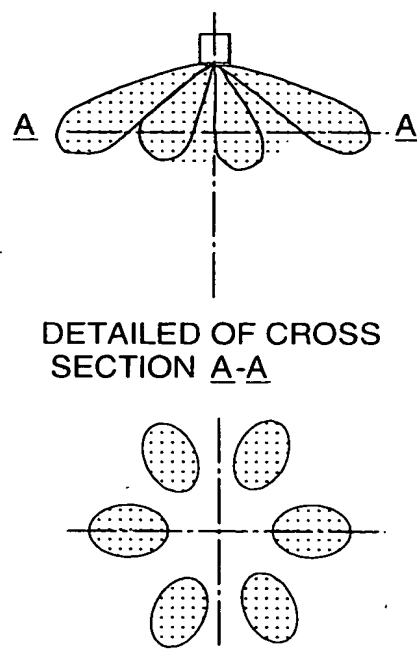
**FIG. 23****FIG. 24****FIG. 25****FIG. 26**



FIG. 27

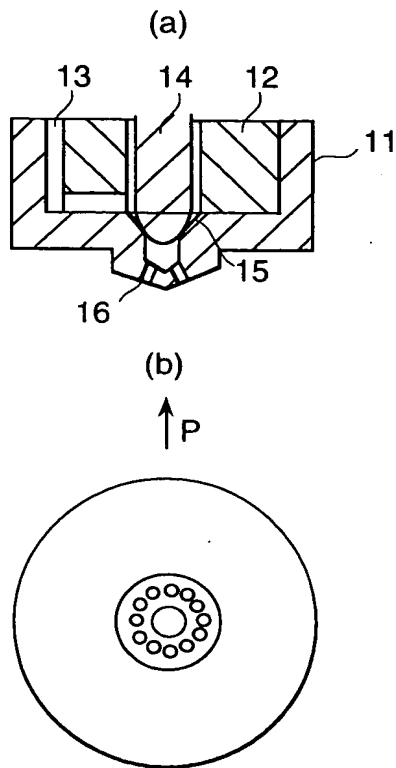


FIG. 28

